



SERVICE INFORMATION LETTER

OXYGEN - ATA CHAPTER 35

VENDOR CODE: 53655

P/N 10014031 – PREFORMED PACKING REPLACES P/N 10013751 – PREFORMED SEAL AND P/N 10014032 – PREFORMED PACKING REPLACES P/N 10013769 – PREFORMED SEAL IN REGULATOR AND VALVE ASSEMBLIES AND PORTABLE OXYGEN CYLINDER ASSEMBLIES LISTED IN TABLE 1.

1. BACKGROUND

Various Portable Oxygen Cylinder Assemblies manufactured by AVOX Systems have included Preformed Seal P/N 10013751 and Preformed Seal P/N 10013769. Preformed Seal P/N 10013751 and Preformed Seal P/N 10013769 are obsolete and no longer to be used in any overhaul or service maintenance of these assemblies. During overhaul or service maintenance, this Service Information Letter (SIL) recommends replacement of Preformed Seal P/N 10013751 with Preformed Packing P/N 10014031 and replacement of Preformed Seal P/N 10013769 with Preformed Packing P/N 10014032. This SIL does not change any procedures in the affected Component Maintenance Manuals (CMM's).

You are given authority to make copies of this SIL and give them to other persons. If you make a copy of this SIL, you must make a copy of all of the SIL.

2. EFFECTIVITY

A. Next Assemblies and End Items

This SIL applies to all Next Higher Assemblies or End Items listed in Table 1.

Table 1
Part Numbers of Associated Next Higher Assemblies & End Items

Part Number of Next Higher Assemblies or End Items	Description of Next Higher Assemblies or End Items
806379-03	Regulator and Valve Assembly
806326-04, -05, -06	Portable Oxygen Cylinder Assembly
3552AAAAAACXCD, 3552BAAAAACXCD, 3552CAAAAACXCD	Portable Oxygen Cylinder Assembly
3552AAADAACXCD, 3552BAADAACXCD, 3552CAADAACXCD	Portable Oxygen Cylinder Assembly
3552AAAWAACXCD, 3552BAAWAACXCD, 3552CAAWAACXCD	Portable Oxygen Cylinder Assembly

3. REFERENCES

A. Component Maintenance Manual (CMM)

CMM 35-33-26 for the 806326-04, -05, -06 Portable Oxygen Cylinder Assy.

CMM 35-35-52 for the 3552 Series Portable Oxygen Cylinder Assy.



3. REFERENCES (CONTINUED)

B. Component Maintenance Manual (Continued)

The CMM's listed above direct you to use Preformed Seal P/N 10013751 and Preformed Seal P/N 10013769. This SIL recommends the use of Preformed Packing P/N 10014031 in place of Preformed Seal P/N 10013751 and the use of Preformed Packing P/N 10014032 in place of Preformed Seal P/N 10013769. Make this SIL part of the CMM's listed above until the CMM's are revised. After the CMM's are revised to incorporate this SIL, this SIL will not be applicable to the CMM.

See Section 9 of this SIL on how to contact AVOX Systems for revision status of technical publications.

4. WHEN THIS SIL APPLIES:

A. This SIL applies at the time of overhaul or maintenance of the assemblies listed in Table 1.

B. Replacement Parts

(1) This SIL replaces Preformed Seal P/N 10013751 with Preformed Packing P/N 10014031 and replaces Preformed Seal P/N 10013769 with Preformed Packing P/N 10014032 when P/N 10013751 or P/N 10013769 are required to be installed during overhaul or maintenance. See Paragraph 9.B. for information on how to obtain replacement Preformed Packings.

C. Functional Testing

This SIL does not change the test procedures in the documents listed in 3.A.

5. SPECIAL TOOLS AND EQUIPMENT

Special tools and equipment are listed in Table 2. Equivalent tools and equipment may be substituted.

Table 2
Special Tools and Equipment

Qty	Part Name	Number	Manufacturer
1	Marker Pen	Sharpie®** industrial extra fine point marking pen with permanent black ink Alternate: Sharpie®** extra fine point marking pen with permanent black ink	Sanford Corporation Bellwood, IL USA (V86874)

** Sharpie® is a registered trademark of Sanford Corporation.

6. DISASSEMBLY

A. Remove and discard preformed seal (580, IPL Fig. 2, CMM 35-33-26; 540, IPL Fig. 2, CMM 35-35-52) per instructions in Para 6.P. in DISASSEMBLY sections of CMM 35-33-26 and CMM 35-35-52.

B. Remove and discard seal (540, IPL Fig. 2, CMM 35-33-26; 440, IPL Fig. 2, CMM 35-35-52) per instructions in Para 6.J. in DISASSEMBLY sections of CMM 35-33-26 and CMM 35-35-52.

7. ASSEMBLY

A. Follow instructions for installation of seal (580, IPL Fig. 2, CMM 35-33-26; 540, IPL Fig. 2, CMM 35-35-52) per instructions in Para 6.N.(3) in ASSEMBLY sections of CMM 35-33-26 and CMM 35-35-52, substituting preformed packing (P/N 10014032) for seal (580, IPL Fig. 2, CMM 35-33-26; 540, IPL Fig. 2, CMM 35-35-52).

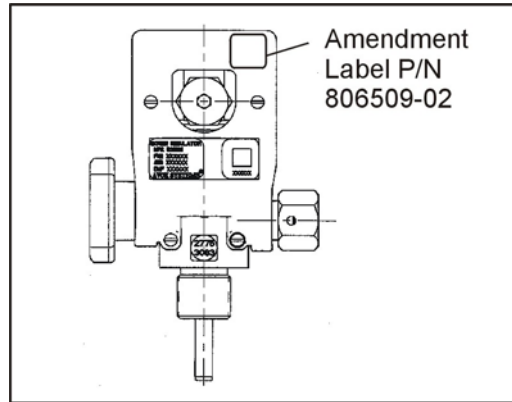


7. ASSEMBLY (CONTINUED)

- B. Follow instructions for installation of seal (540, IPL Fig. 2, CMM 35-33-26; 440, IPL Fig. 2, CMM 35-35-52) per instructions in Paragraphs 6.P.(1) thru 6.P.(3) in ASSEMBLY section of CMM 35-33-26 and Paragraphs 6.P.(1) thru 6.P.(4) in ASSEMBLY section of CMM 35-35-52, substituting preformed packing (P/N 10014031) for seal (540, IPL Fig. 2, CMM 35-33-26; 440, IPL Fig. 2, CMM 35-35-52).

8. EQUIPMENT IDENTIFICATION

- A. Apply Amendment Label P/N 806509-02 to the back cover (410, IPL Fig. 2, CMM 35-33-26; 310, IPL Fig. 2, CMM 35-35-52) of regulator and valve assembly (-1, IPL Fig. 2, CMM 35-33-26 and CMM 35-35-52). Refer to Figure 1, below. Apply Amendment Label P/N 806509-01 to the cylinder (500, IPL Fig. 1, CMM 35-33-26; 500, IPL Figs. 1A, 1B, 1C, CMM 35-35-52). If either Label is already in place, do not apply another Amendment Label. Discard the unused Label P/N 806509-01 or P/N 806509-02, as applicable. Refer to Paragraph 9.B. for information on how to obtain Amendment Labels.



Installation of Amendment Label on Regulator Cover

Figure 1

- B. Using a fine point permanent marker (Refer to Table 2), mark the letter **B** in the first available square provided on the amendment block on both Amendment Labels (P/N 806509-01 and P/N 806509-02). Allow the ink to dry for a few minutes to avoid smearing.

9. TO CONTACT AVOX SYSTEMS:

- A. To get an overhaul of any of the next assemblies or end items in listed in Table 1, or to have one repaired, refer to Paragraphs 3.A. through 3.C. in the DESCRIPTION AND OPERATION section of CMM 35-33-26 or CMM 35-35-52.
- B. To buy parts, refer to Paragraphs 3.A. through 3.C. in the DESCRIPTION AND OPERATION section of CMM 35-33-26 or CMM 35-35-52.
- C. To get technical aid, contact the AVOX Technical Support Department.
- Telephone: 1-716-683-5100
 - Fax: 1-716-681-1089
 - E-Mail: avoxcs@avox.zodiac.com



AVOX Systems

9. TO CONTACT AVOX SYSTEMS:

- D. The CMM is available on the IN-Services website. Please contact Yann Laine to get a password:

IN-Services Europe (HQ)

Yann Lainé

7, Avenue du Parana

B. P. 303

91958 Courtaboeuf Cedex

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Website: www.in-services.com

- To get the revision status of an AVOX Systems publication: log onto www.avoxsys.com; click on Aviation/Government Products, click on Aviation Product Information, click on Technical Product Information

Note: The steps to get the Publications Index from the AVOX Systems web site can and will change in the future because of changes to the web site.